



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 30-284
Type 51-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Peerless Rotor & Stator; 3 H.P., 3 Phase, 50 Hz, 240/415V, 6 Wire, 2925 RPM, Induction Motor; Georator P/N 18-591
- 1.2 Input Current: 7.5/4.3 Amperes
- 1.3 Insulation: Class F - Fungus 0 Proof Varnish
- 1.4 Max. Ambient Temperature: 50 C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 2 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)
- 2.2 Output Voltage, No Load: 124V +/-1V L-N
- 2.3 Output Current: 10/5.8 Amperes
- 2.4 Harmonic Distortion: Within 6%
- 2.5 Insulation: Class F - Fungus 0 Proof Varnish
- 2.6 Max. Ambient Temperature: 50 C
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Iridite Aluminum Parts
- 5.2 Paint: Silver-Blue Enamel

6.0 WEIGHT:

- 6.1 Net: 140 Lbs.
- 6.2 Shipping: 165 Lbs.

Revision Letter	Date	Revision Description
ENGINEER		M.T.E.
APPROVED BY		April 20, 1998